

IEEE INFOCOM 2020 solicits research papers describing significant and innovative research contributions to the field of computer and data communications networks. We invite submissions on a wide range of research topics, spanning both theoretical and systems research. Topics include but not limited to:

5G and beyond networks	MIMO-based networking
Age of Information	mmWave, THz, VLC, full duplex communication networks
Big data and machine learning for networks	Mobile sensing and applications
Cellular networks	Mobility management and models
Cloud computing/mobile cloud computing	Multimedia networking
Challenged Environments (underwater, underground)	Network economics and pricing
Cross-layer optimization and control	Network management
Crowdsourcing	Network measurement and analysis
CubeSats	Network security and privacy
Cyber-physical systems	Network virtualization
Datacenter networking	Optical networks
Dynamic spectrum sharing	Overlay and peer-to-peer networks
Energy efficiency in networks	Quality-of-service and resource management
Edge and fog computing/networking	Router and switch design
Fault tolerance, reliability and survivability	Routing and multicast
Information security and privacy	Scaling laws and fundamental limits
Information-centric networking	Smart grid applications
Interference management and mitigation	Social computing and networks
Internet architecture	Software-defined networking
Internet of Things	Vehicular networks
Localization and location-based services	Web applications and content distribution
Medium access control	WLAN, WPAN, RFID, and NFC

Accepted and presented papers will be published in the IEEE INFOCOM 2020 Conference Proceedings and IEEE Xplore®. Full details of submission instructions and requirements for authors are available at <http://infocom2020.ieee-infocom.org>.

Important dates:

Abstract Due:

Wednesday, 24 July 2019
(11:59pm EDT)

Full Paper Due:

Wednesday, 31 July 2019
(11:59pm EDT)

Notification of Acceptance:

Saturday, 14 December 2019

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